

CUT LEVEL
5

CONTACT HEAT
3



>> Use (*)

Thanks to its technical characteristics, this glove is suitable for all major works requiring a good protection against mechanical risks including cut (cut level 5, as per EN 388 European standard) and thermal risks including contact heat (contact heat level 3 as per EN 407 European standard). Metallurgy, paper mill, cardboard factory, industry, motor industry...

>> Technical features

- ✓ **Construction/material:** Seamless knitter liner. Special 2 layers. Outer layer made of 100% Kevlar® fibres. Inside layer made of 100% cotton fibres to assist in ventilation, comfort and insulation. Uncoated. 34 cm length. Reversible (ambidextrous).
- ✓ **Color:** yellow.
- ✓ **Gauge:** 7.
- ✓ **Size:** 11.
- ✓ **Packing:** - carton of 50 pairs.
- bundle of 1 pair.



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>> Advantages

- ✓ ISO 9001 system in production.
- ✓ This glove benefits from the advantage of the international reputation of the Kevlar® fibre, providing you many recognized resistances against: cut, abrasion, heat...
- ✓ A very good protection for the user.
- ✓ Enhanced comfort of a seamless glove.

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>> Conformity

This glove has been tested to the following European standards:

- **EN 388: 2016.** Protective gloves against mechanicals risks.
- **EN 407: 2004.** Protective gloves against thermal risks (heat and/or fire).

It complies with the **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category III.** EU type examination certificate (**module B**) issued by **SATRA (Ireland)**. Notified body **No 2777**.

The PPE is subject to the conformity assessment procedure based on quality assurance of the production process (**Module D**) set out in Annex VIII (Category III) under surveillance of **SGS**. Notified body **n°0120**.


EN 388 : 2016	EN 407 : 2004	C € 0120
2 5 4 1 C	4 3 4 3 2 X	

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(*) Type of use is given as a guide only. It is to the end user to check whether the product is suitable or not for the intended use. Before any use, read carefully the instructions enclosed with the product. Issue LS 2019_06_21 Copyright: Singer.

EN 388: 2016. Protective gloves against mechanical risks

Mechanical data. Information about levels.	Level 1	Level 2	Level 3	Niveau 4	Level 5	Levels ▼	EN 388 : 2016  2 5 4 1 C
Abrasion resistance (number of cycles)	100	500	2000	8000	-	2	
Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0	5	
Tear resistance (in Newtons)	10	25	50	75	-	4	
Perforation resistance (in Newtons)	20	60	100	150	-	1	
Cut resistance (as per EN ISO13997) (TDM test)	Level A	Level B	Level C	Level D	Level E	Level F	
	2	5	10	15	22	30	C

EN 407 : 2004. Protective gloves against thermal risks (heat and/or fire)

EN 407: 2004		Thermal data (tests)	Performance levels chart				Results ▼
 4 3 4 3 2 X The performance levels are only for the complete glove, all layers included. «X means that the glove has not been submitted to the test.	1		2	3	4		
	a1	Burning behaviour	≤ 20s	≤ 10s	≤ 3s	≤ 2s	4
	a2		No requirement	≤ 120s	≤ 25s	≤ 5s	
	b	Contact heat	100°C ≥ 15 s	250°C ≥ 15 s	350°C ≥ 15 s	500°C ≥ 15 s	3
	c	Convective heat	≥ 4 s	≥ 7 s	≥ 10 s	≥ 18 s	4
	d	Radiant heat	≥ 7 s	≥ 20 s	≥ 50 s	≥ 95 s	3
	e	Small splashes of molten metal	≥ 10 s	≥ 15 s	≥ 25 s	≥ 35 s	2
	f	Large splashes of molten metal	30g	60g	120g	200g	X

a1) After flame time (seconds).
 a2) After glow time (seconds).
 b) Contact temperature/ Threshold time (seconds).
 c) Heat transfer index (HTI) (seconds).
 d) Heat transfer (T₂₄) (seconds).
 e) Number of droplets which produce a temperature rise of 40 °C.
 f) Molten iron (in grams).

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